



Abstract Submission: Suggested Keywords

Presenting authors must provide at least two keywords associated with the content area of the abstract to assist with programming at Nutrition 2020.

During abstract submission, a topical area must be selected for the abstract. ASN groups (e.g., Research Interest Sections, Councils) will use topical areas and keywords to program abstracts. These groups have provided suggested keyword lists which are included below, though, presenting authors are not limited to these keywords.

Aging and Chronic Disease

- Aging
- Cardiovascular/vascular
- Chronic disease
- Cognition
- Macronutrient
- Micronutrient
- Musculoskeletal
- Nutritional status
- Older adults
- Osteoporosis
- Polyphenols
- Sarcopenia

Carotenoids and Retinoids

- Antioxidant
- Bioavailability
- Bioefficacy
- Cancer
- Carotenoids
- Cognition
- Function
- Health
- Mechanisms
- Metabolism
- Receptors
- Vitamin A

Climate/Health, Environment, Agriculture and Food Supply

- Agriculture
- Animal source food
- Climate/environmental change
- Food systems
- New technologies
- Nutrition transition
- Plant-based food
- Sustainability

Community and Public Health Nutrition

- Acculturation
- Child health
- Community interventions
- Focus groups
- Food assistance programs
- Food environment
- Food insecurity
- Health disparities and inequities
- Maternal health
- Nutrition education
- Obesity prevention
- Physical activity

Diet and Cancer

- Biomarkers
- Clinical
- Epidemiological
- Genomics
- Mechanisms
- Metabolism
- Microbiome
- Molecular targets
- Personalized nutrition

Dietary Bioactive Components

- Biomarkers
- Human health
- Inflammation
- Mechanisms
- Metabolism
- Metabolomics
- Microbiome
- Molecular targets
- Polyphenols
- Prebiotics
- Probiotics

Dietary Patterns

- Dairy
- Diet quality
- Fruits and vegetables
- Mediterranean diet
- Nutrient density

Eating Frequency and Chrononutrition

- Chronobiology
- Chrononutrition
- Circadian rhythms
- Intermittent fasting
- Meal timing

Education and Teaching

- Career/professional development
- Curriculum
- Health professional education
- Innovations in education/training

Energy and Macronutrient Metabolism

- Alcohol
- Amino acid metabolism
- Body composition
- Carbohydrate metabolism
- Carbohydrates
- Energy balance
- Fat/fatty acids
- Fiber
- Ketone bodies
- Lipid metabolism
- Protein/amino acids
- Substrate oxidation

Experimental Animal Nutrition

- Animal models
- Animals
- Development
- Disease
- Fetal
- Health
- Maternal
- Metabolism
- Microbiome
- Nutrition interventions
- Omics
- Physiological state

Food Choice, Markets and Policy

- Alcohol
- Amino acid metabolism
- Consumer behavior
- Cost-effectiveness
- Diet quality
- Economic evaluation
- Food assistance programs
- Food costs
- Food environment
- Food security
- Food systems
- Policy

Food Science and Nutrition

- Food composition
- Food processing
- Food science and technology
- Formulation
- Fortification
- Processed foods

Global Nutrition

- Infection
- Inflammation
- Linear growth/growth failure
- Micronutrient status
- Nutrition-sensitive/ integrated nutrition programs
- Policy
- Vulnerable populations

Maternal, Perinatal and Pediatric Nutrition

- Breastfeeding/formula feeding
- Childhood growth/neurodevelopmental/disease outcomes
- Complementary diet/food packaging
- Diet quality/nutrient adequacy
- Epigenetics
- Feeding behaviors/styles
- Genetics
- Human milk/infant formula composition
- Lactation physiology
- Maternal nutrition/supplementation
- Maternal obesity weight gain
- Microbiome
- Pregnancy complications/birth outcomes
- Preterm infants

Medical Nutrition/Case Study Vignettes

- Bariatric surgery
- Cardiovascular/vascular
- Cystic fibrosis
- Diabetes/pre-diabetes/gestational diabetes
- Dietary supplements
- Fatty Liver Disease
- FODMAP
- Gastrointestinal diseases
- Inflammation
- Insulin resistance
- Lifestyle medicine
- Malnutrition
- Nutrition support
- Renal disease
- Sodium

Methods

- Assay development
- Biomarkers
- Dietary assessment
- Energy balance
- Simulation
- Study design

Neuroscience/Nutrition and the Brain

- Brain
- Chronobiology
- Cognition
- Dementia/Alzheimer's Disease
- Mental health
- Mitochondria
- Neurodegenerative diseases
- Obesity
- Vitamin D

Nutrient-Gene Interactions

- Biomarkers
- Complex diseases
- Epigenetics
- Genetics
- Mendelian randomization analysis
- Metabolomics
- Nutrient assessment
- Nutritional biochemistry
- Omics
- Personalized/precision nutrition
- Transcriptomics

Nutrition Education and Behavioral Science

- Behavior change
- Behavior science
- Community interventions
- Community nutrition
- Healthy lifestyles
- Nutrition behavior
- Nutrition education
- Nutrition interventions
- Nutrition survey
- Physical activity
- Questionnaire
- Questionnaire development

Nutrition Translation and Communications

- Clinical trials
- Cognition
- Consumer, applied and therapeutic nutrition
- Databases and big data
- Dietary assessment and quality
- Dietary patterns
- Food science and technology
- Neuroscience
- Nutrition communication
- Nutrition translation
- Product development
- Public policy and regulation

Nutritional Epidemiology

- Behaviors
- Biomarkers
- Clinical trials
- Diet quality
- Dietary guidelines
- Dietary patterns
- Foods and nutrients
- Health outcomes
- Lifespan epidemiology
- Lifestyle factors
- Methods and validation
- Observational studies

Nutritional Immunology and Inflammation/Immunometabolism

- Adaptive
- Antigen
- Immune cells
- Immunity (immune, immunotherapy, immunometabolism, etc.)
- Infection
- Inflammation
- Innate
- Pathogen

Nutritional Microbiology/Microbiome

- Alcohol
- Breastfeeding
- Dietary interventions
- Dietary patterns
- Fermentation
- Fiber
- Microbiome
- Probiotics

Obesity

- Appetite
- Behavior change
- Body composition
- Childhood
- Dietary patterns
- Ingestive behavior
- Macronutrient
- Meal timing/circadian influences
- Microbiome
- Neurobiology
- Obesity treatment mediators/moderators/predictors
- Physical activity
- Social determinants of health

Policies and Regulations

- Fortification
- Cost-effectiveness
- Policy
- Labeling
- Implementation
- Malnutrition

Protocols

- Assay development
- Biomarkers
- Dietary assessment
- Energy balance
- Simulation

Sports Nutrition and Physical Activity

- Carbohydrates/glucose
- Endurance exercise
- Ergogenic aids
- Exercise metabolism
- Fat/fatty acids
- Human performance
- Hydration
- Nutritional supplementation
- Protein/amino acids
- Recovery nutrition
- Resistance training

Vitamins and Minerals

- Antioxidants
- B vitamins and one-carbon metabolism
- Fortification
- Micronutrient bioavailability and antioxidant function
- Micronutrient interventions
- Selenium
- Trace element transport and homeostasis
- Vitamin D
- Vitamin K
- Water and fat soluble vitamins
- Zinc